

ABSTRACT

A process of disassembling a fuel cell 10 supplies a fluid to both a fuel gas conduit 6g and an oxidizing gas conduit 7g.

5 Since outlets of the respective gas conduits 6g and 7g are shielded, the internal pressure or in-passage pressure of the respective gas conduits 6g and 7g gradually rises and eventually exceeds a specific in-passage pressure level for power generation of the fuel cell 10. The high in-passage

10 pressure expands a gas diffusion electrode 4b of a membrane electrode assembly (MEA) 2 and a separator 6, which define the fuel gas conduit 6g, in opposite directions to make a clearance between the gas diffusion electrode 4b and the separator 6. Similarly the high in-passage pressure expands a gas diffusion

15 electrode 5b of the MEA 2 and a separator 7, which define the oxidizing gas conduit 7g, in opposite directions to make a clearance between the gas diffusion electrode 5b and the separator 7. The supplied fluid then flows out through these clearances into seals between the separators 6 and 7 and the

20 MEA 2. These flows raise the in-passage pressure and release the seals.